

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042524\
 Data File : PL089185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2024 15:58
 Operator : AR\AJ
 Sample : P2262-03MSD 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HR-04-04242024MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 23:00:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.548	2.796	2056941	1371525	0.968m	1.029
2) SA Decachlor...	9.064	7.948	935540	692728	0.734	0.517 #
Target Compounds						
2) A alpha-BHC	4.005	3.299	8025738	3907373	2.684	1.975m#
3) MA gamma-BHC...	4.337	3.632	7608133	3909397	2.637	2.032
4) MA Heptachlor	4.926	3.974	7397003	3934345	2.973m	2.189 #
5) MB Aldrin	5.267	4.253	7088329	3150030	2.731m	1.717m#
6) B beta-BHC	4.531	3.929	4100333	2089582	3.056m	2.500
7) B delta-BHC	4.778	4.159	7313969	3469100	2.735m	1.900m#
8) B Heptachlo...	5.693	4.757	7174227	3828546	3.040m	2.305m
9) A Endosulfan I	6.078	5.129	5793232	3394865	2.649m	2.259
10) B gamma-Chl...	5.948	5.009	6565915	3894963	2.856m	2.374
11) B alpha-Chl...	6.028	5.073	6454069	3895288	2.819m	2.355
12) B 4,4'-DDE	6.199	5.261	5232490	2868811	2.604m	1.951m#
13) MA Dieldrin	6.353	5.394	6041319	3372828	2.679m	2.063
14) MA Endrin	6.582	5.669	5224028	3349487	2.780m	2.305
15) B Endosulfa...	6.800	5.961	5439058	3394844	2.824m	2.375m
16) A 4,4'-DDD	6.715	5.816	4700380	2668058	2.916m	2.203
17) MA 4,4'-DDT	7.028	6.067	4971922	2452197	2.728m	1.871 #
18) B Endrin al...	6.930	6.142	3686419	2277968	2.519m	2.073
19) B Endosulfa...	7.165	6.364	4927380	3037665	2.870	2.247
20) A Methoxychlor	7.503	6.643	2948306	1487302	3.346m	1.990 #
21) B Endrin ke...	7.649	6.871	5065964	3088614	2.627	1.951 #
22) Mirex	8.125	7.055	4008276	2916683	2.729	2.206

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042524\
Data File : PL089185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2024 15:58
Operator : AR\AJ
Sample : P2262-03MSD 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

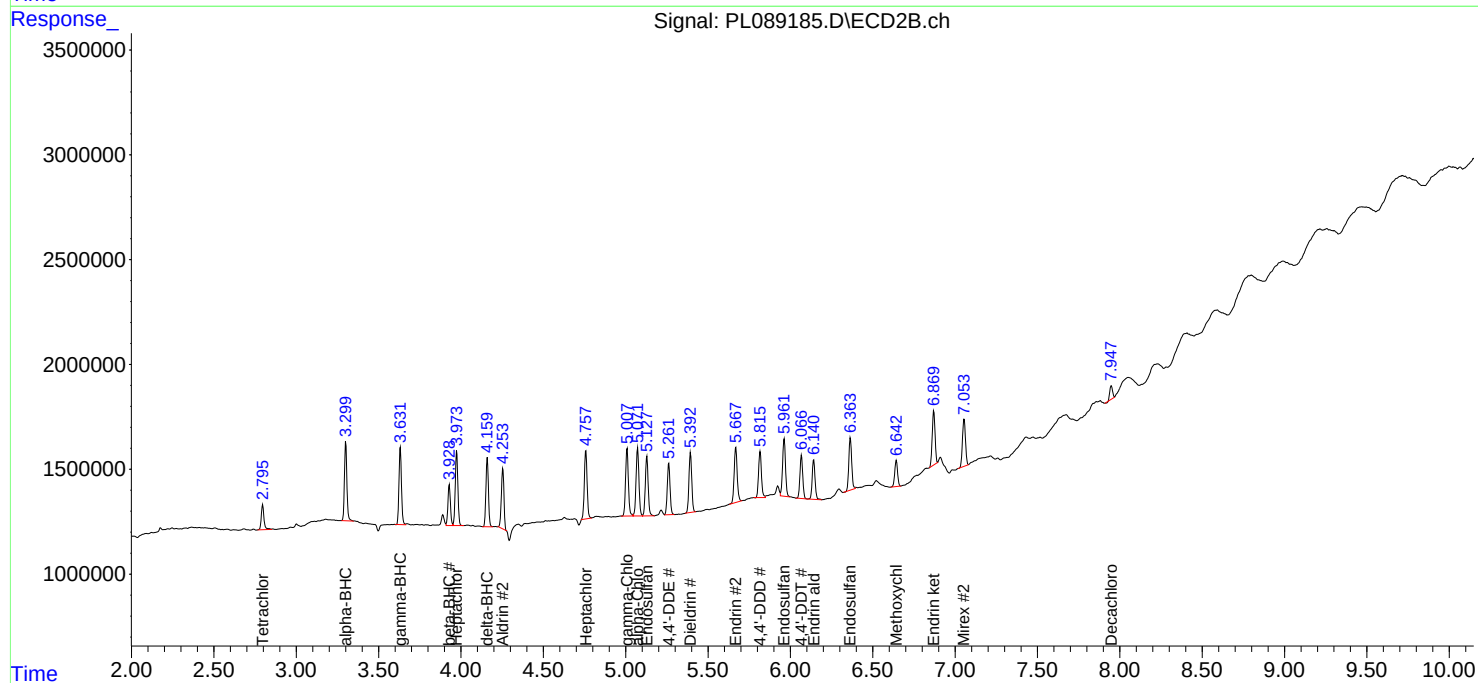
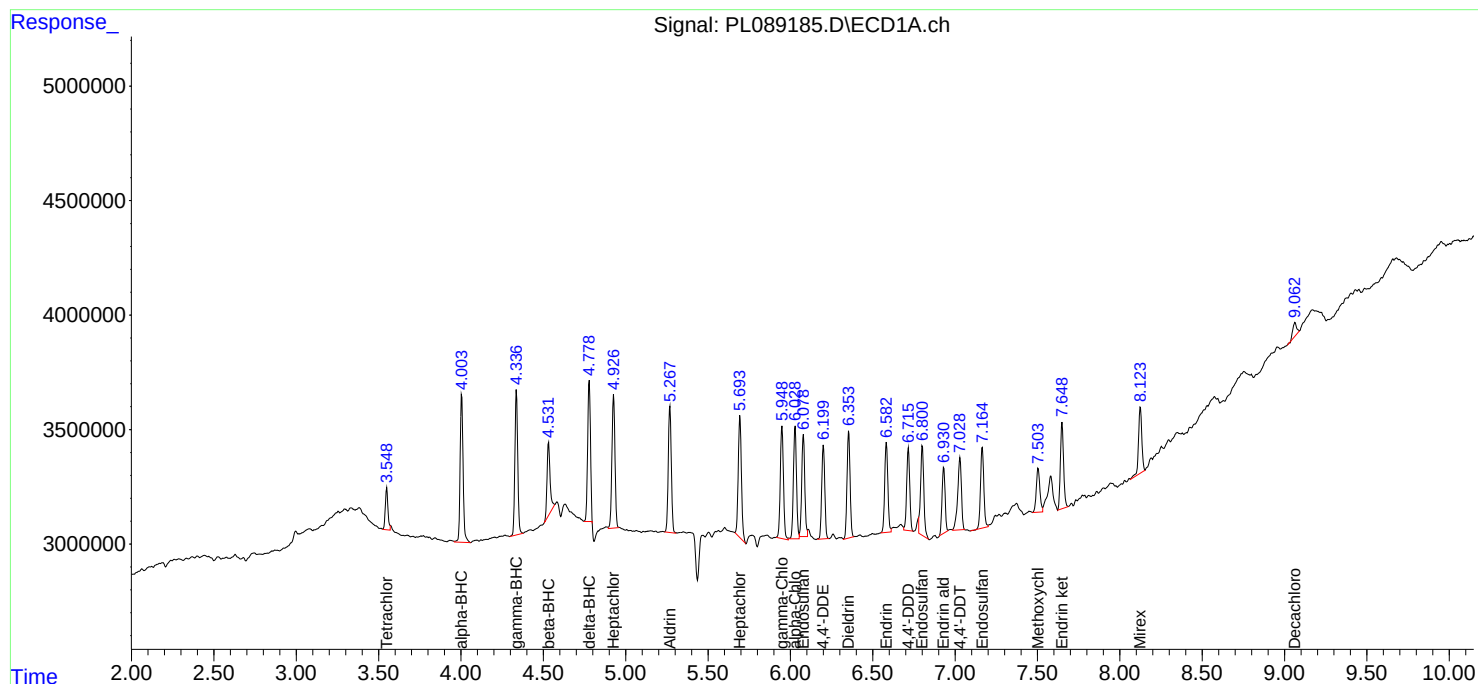
Instrument :
ECD_L
ClientSampleId :
HR-04-04242024MSD

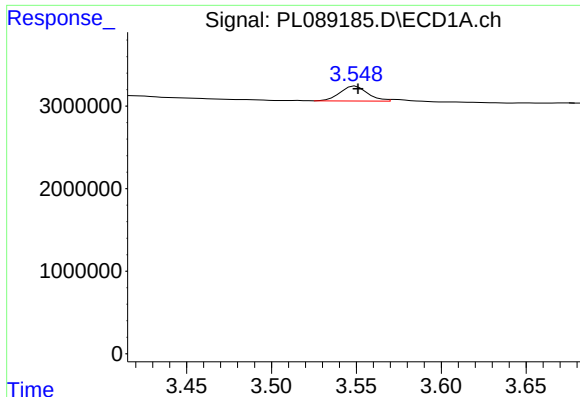
Manual Integrations
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Reviewed By : Abdul Mirza 04/26/2024
Supervised By : Ankita Jodhani 04/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 23:00:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





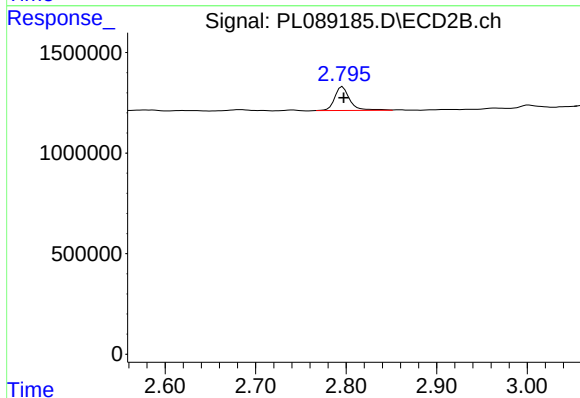
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 2056941
Conc: 0.97 ng/ml

Instrument :
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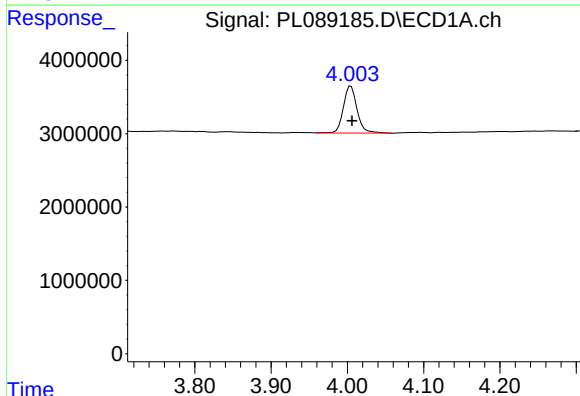
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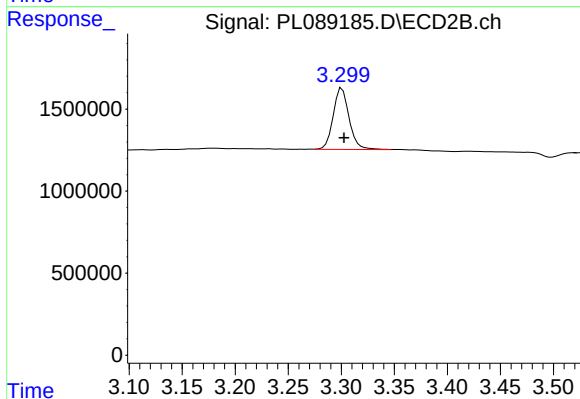
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 1371525
Conc: 1.03 ng/ml



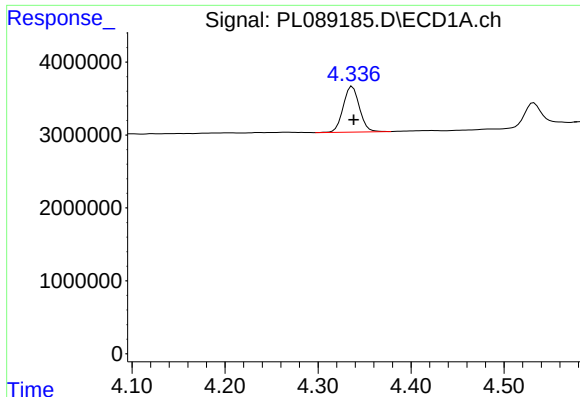
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 8025738
Conc: 2.68 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: -0.003 min
Response: 3907373
Conc: 1.97 ng/ml m



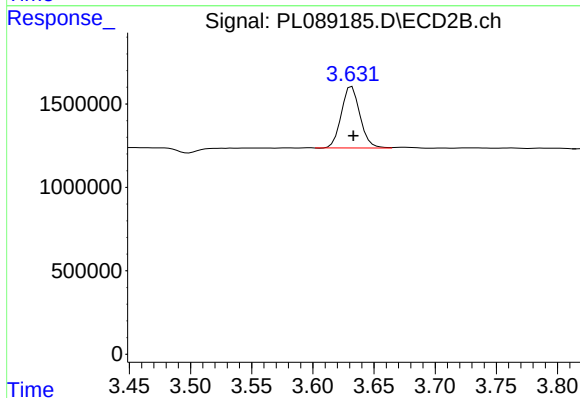
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 7608133
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-04-04242024MSD

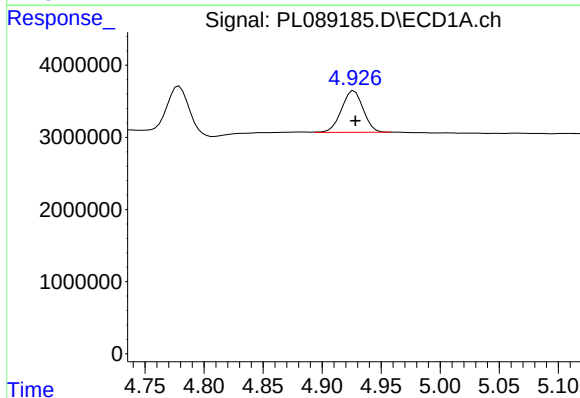
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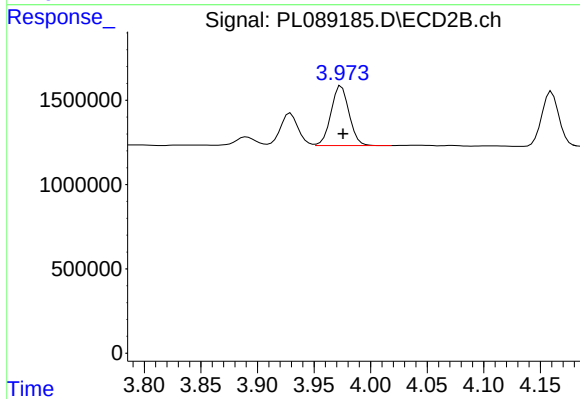
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: -0.001 min
Response: 3909397
Conc: 2.03 ng/ml



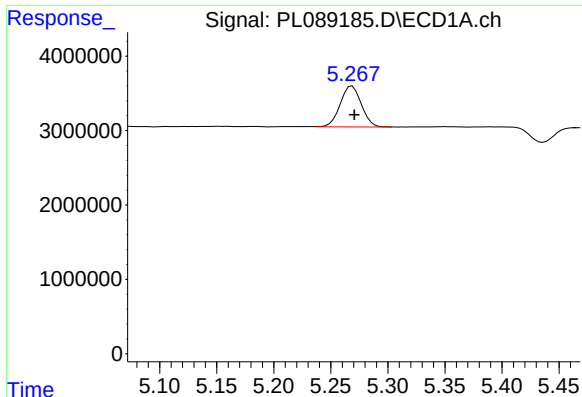
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.003 min
Response: 7397003
Conc: 2.97 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 3934345
Conc: 2.19 ng/ml



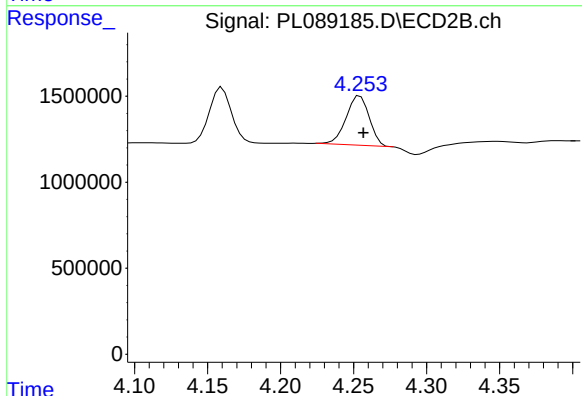
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 7088329
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-04-04242024MSD

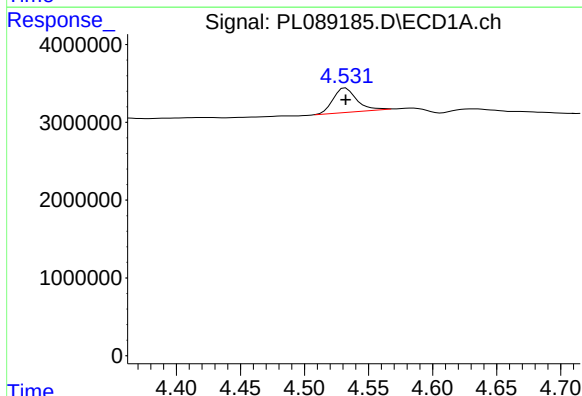
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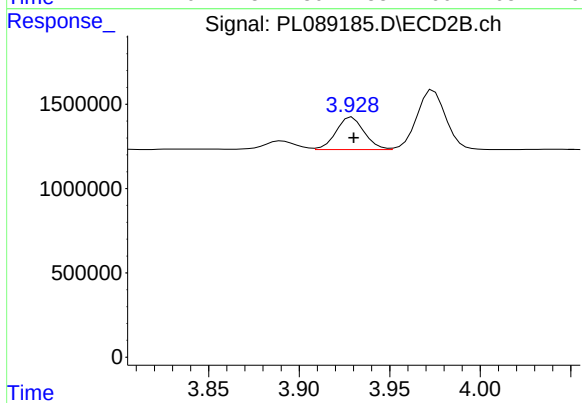
#5 Aldrin

R.T.: 4.253 min
Delta R.T.: -0.004 min
Response: 3150030
Conc: 1.72 ng/ml m



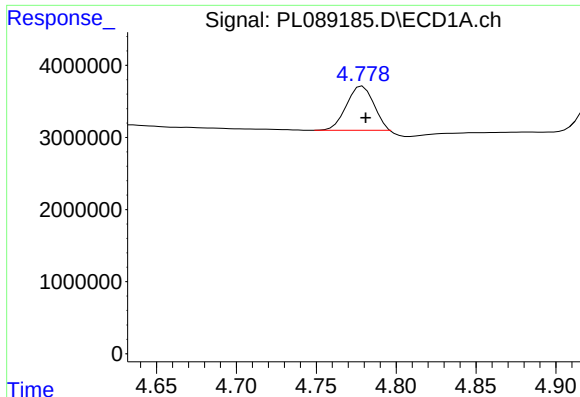
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 4100333
Conc: 3.06 ng/ml m



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 2089582
Conc: 2.50 ng/ml



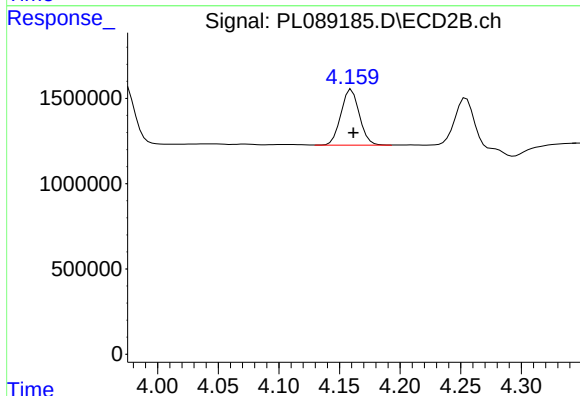
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: -0.003 min
Response: 7313969
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-04-04242024MSD

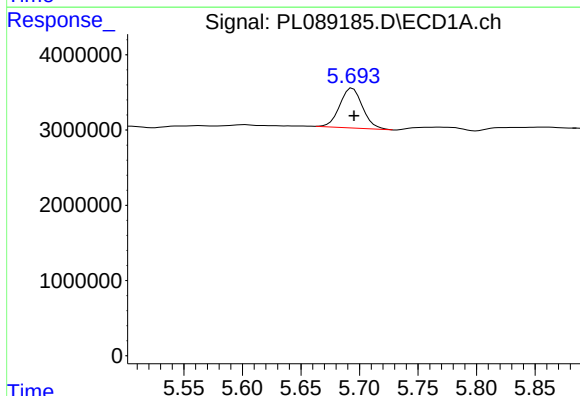
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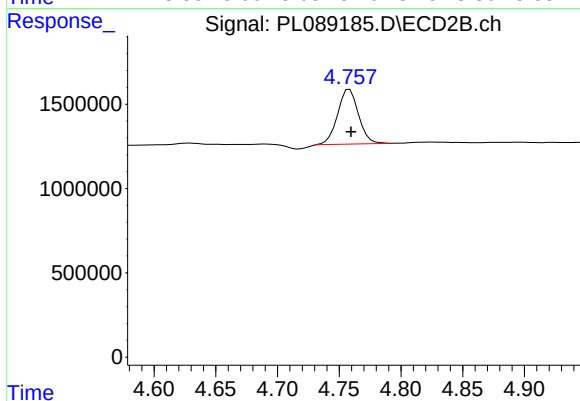
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.003 min
Response: 3469100
Conc: 1.90 ng/ml m



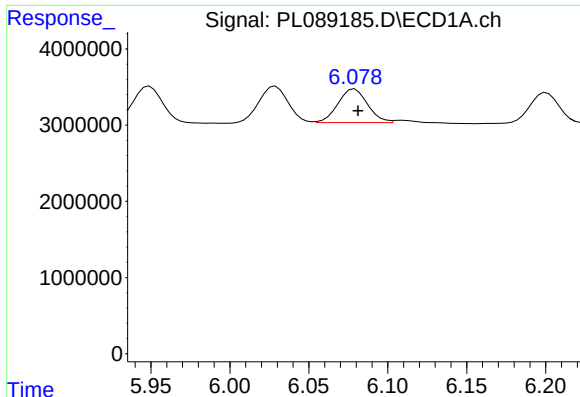
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 7174227
Conc: 3.04 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 3828546
Conc: 2.31 ng/ml m



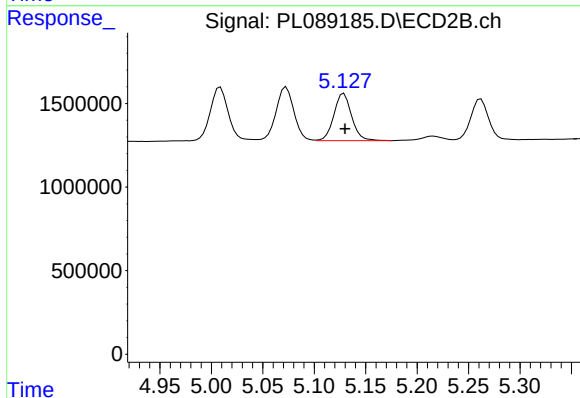
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 5793232
Conc: 2.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-04-04242024MSD

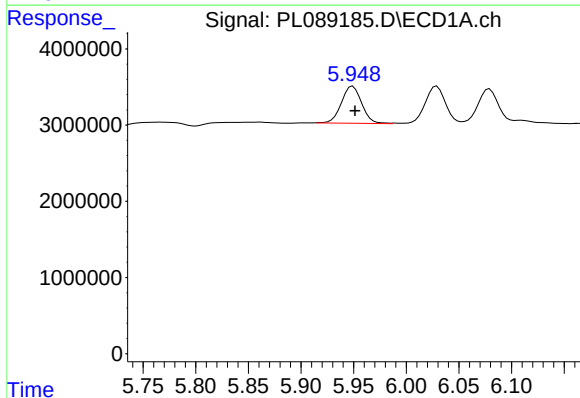
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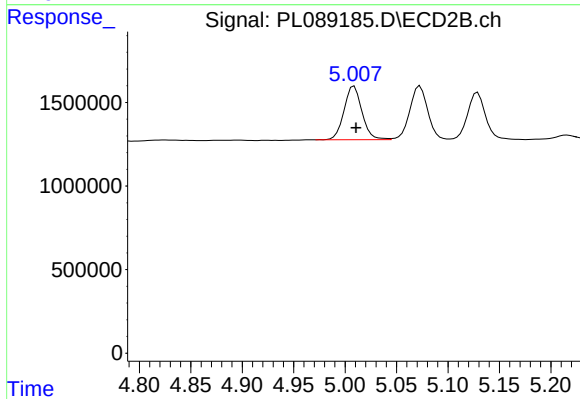
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 3394865
Conc: 2.26 ng/ml



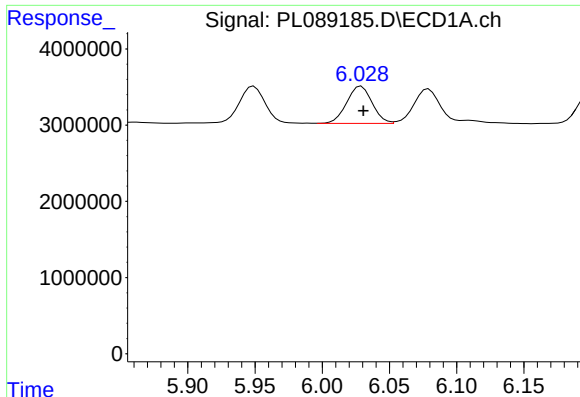
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 6565915
Conc: 2.86 ng/ml m



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 3894963
Conc: 2.37 ng/ml



#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 6454069
Conc: 2.82 ng/ml

Instrument :

ECD_L

ClientSampleId :

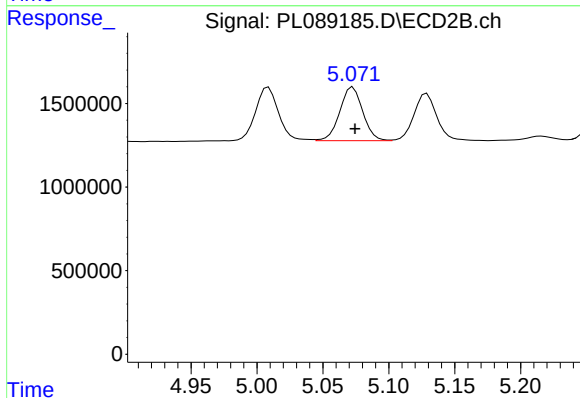
HR-04-04242024MSD

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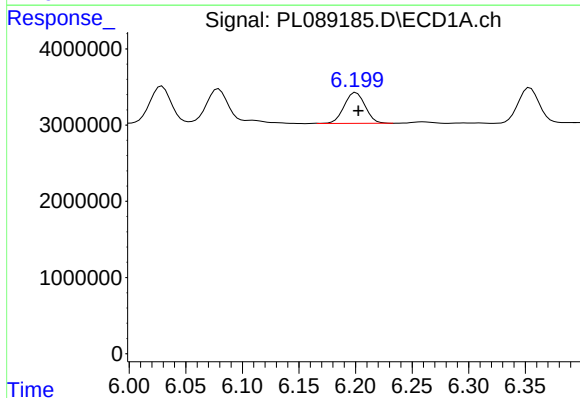
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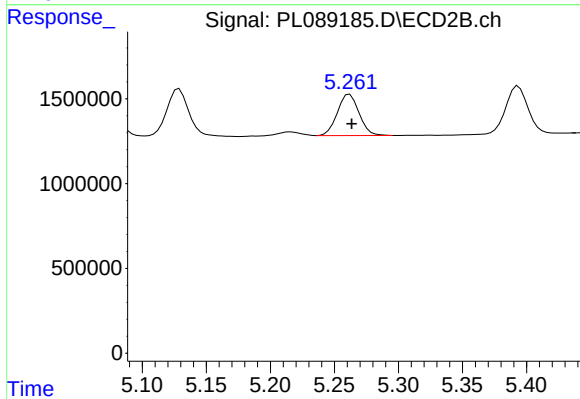
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 3895288
Conc: 2.36 ng/ml



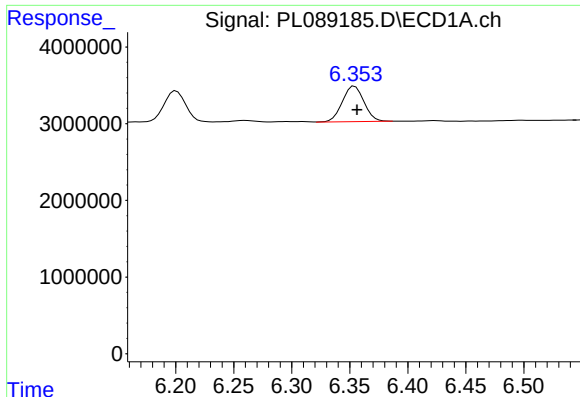
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 5232490
Conc: 2.60 ng/ml m



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 2868811
Conc: 1.95 ng/ml m



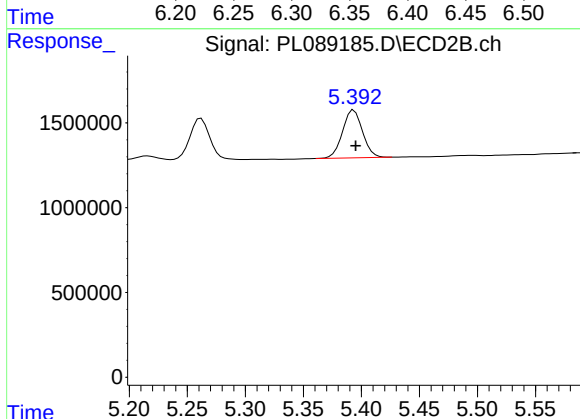
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: -0.004 min
Response: 6041319
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
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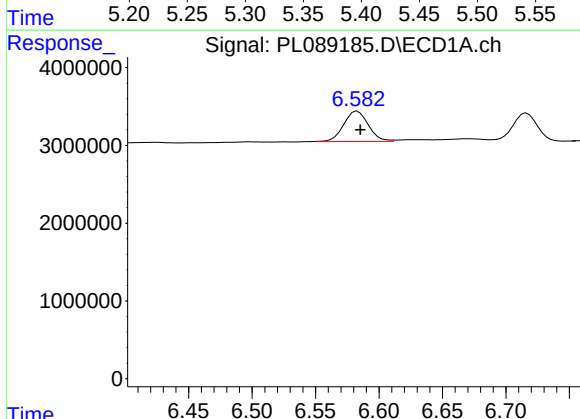
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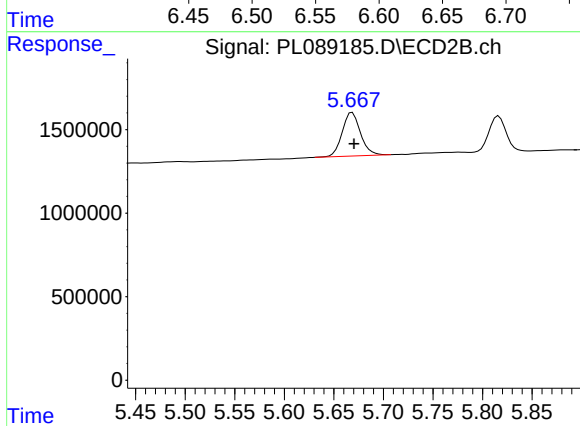
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: -0.001 min
Response: 3372828
Conc: 2.06 ng/ml



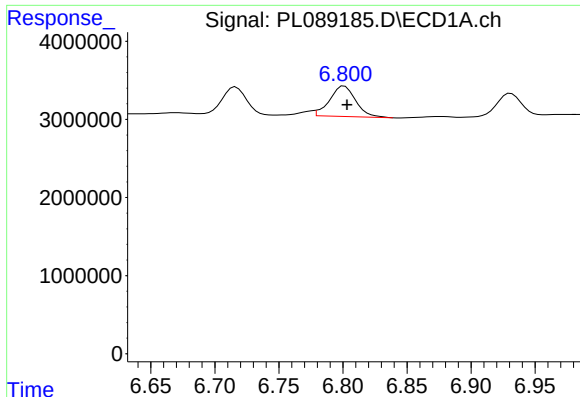
#14 Endrin

R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 5224028
Conc: 2.78 ng/ml m



#14 Endrin

R.T.: 5.669 min
Delta R.T.: -0.002 min
Response: 3349487
Conc: 2.30 ng/ml



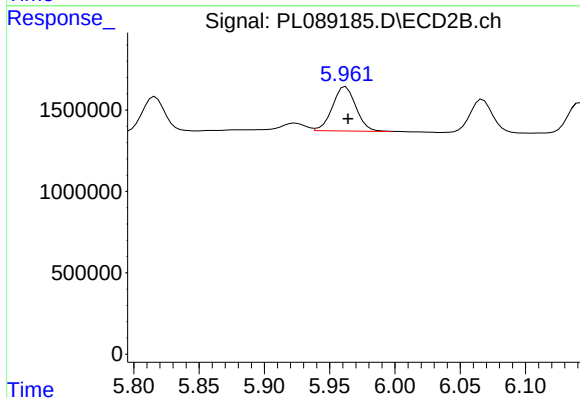
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: -0.004 min
Response: 5439058
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
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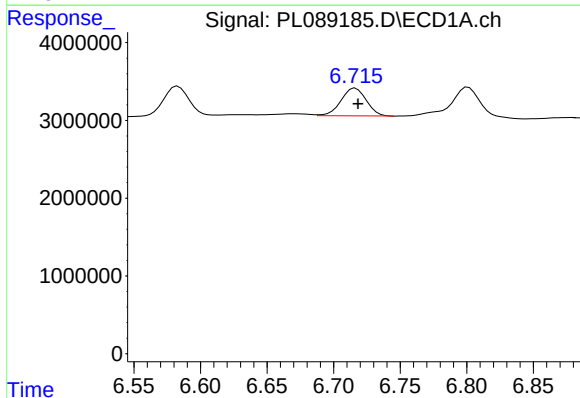
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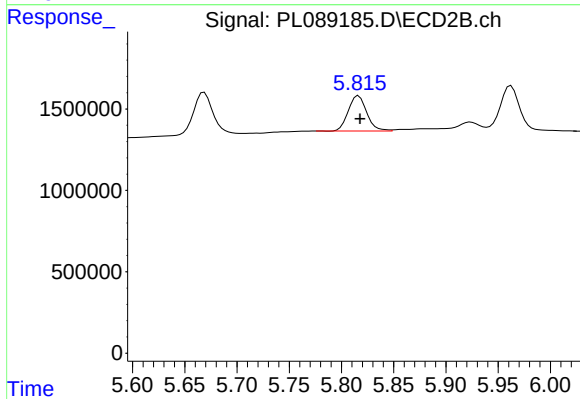
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 3394844
Conc: 2.37 ng/ml m



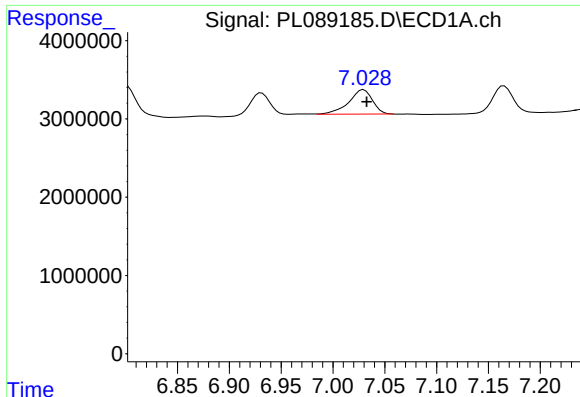
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.003 min
Response: 4700380
Conc: 2.92 ng/ml m



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 2668058
Conc: 2.20 ng/ml



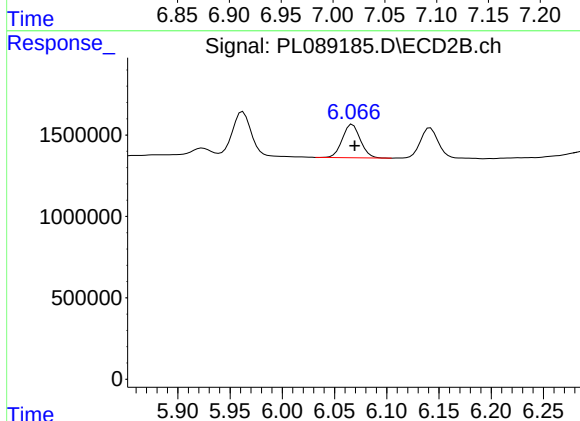
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.004 min
Response: 4971922
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
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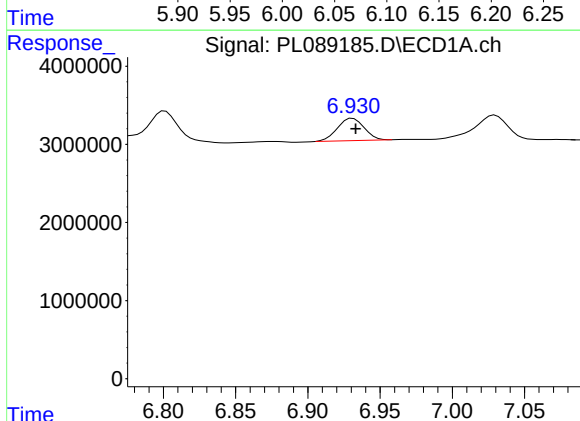
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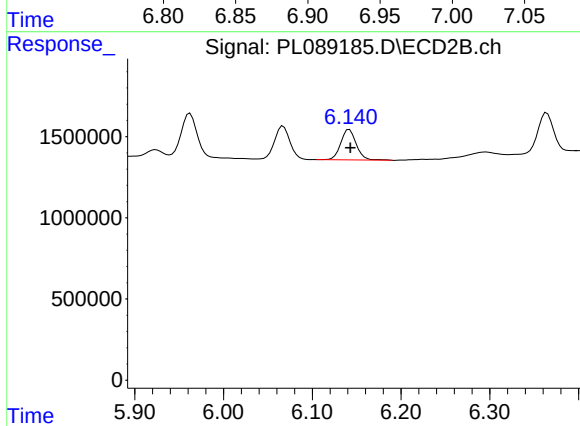
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 2452197
Conc: 1.87 ng/ml



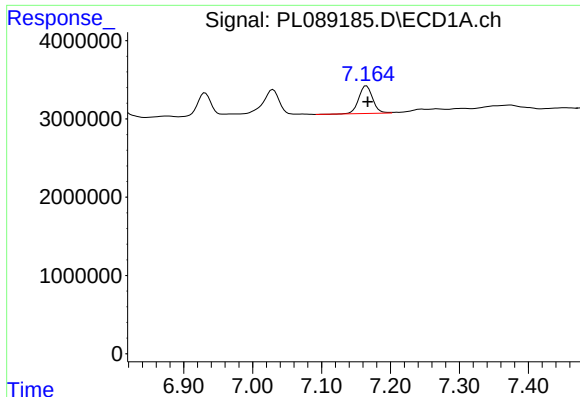
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: -0.003 min
Response: 3686419
Conc: 2.52 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: -0.001 min
Response: 2277968
Conc: 2.07 ng/ml



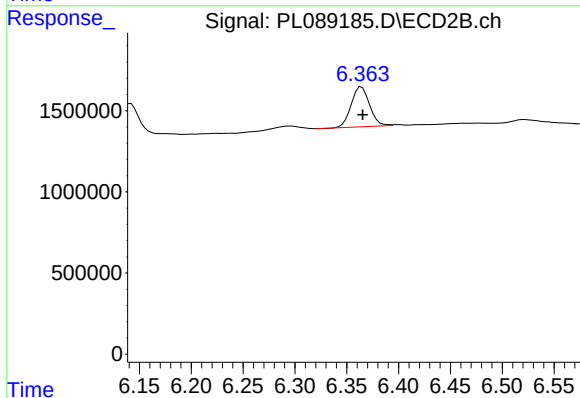
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 4927380
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
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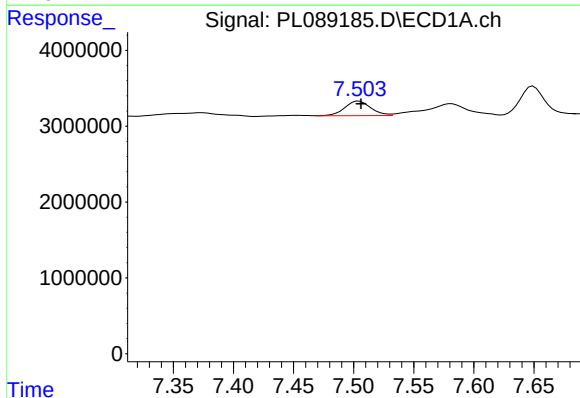
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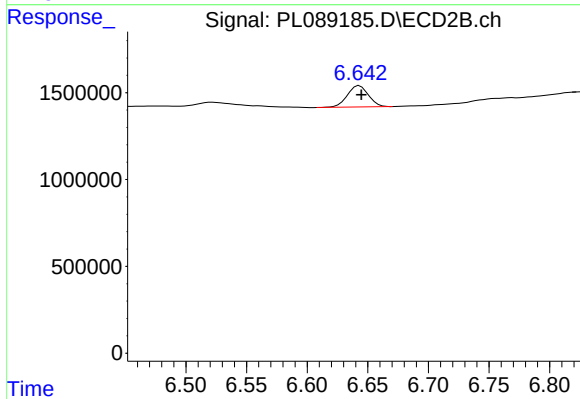
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: -0.001 min
Response: 3037665
Conc: 2.25 ng/ml



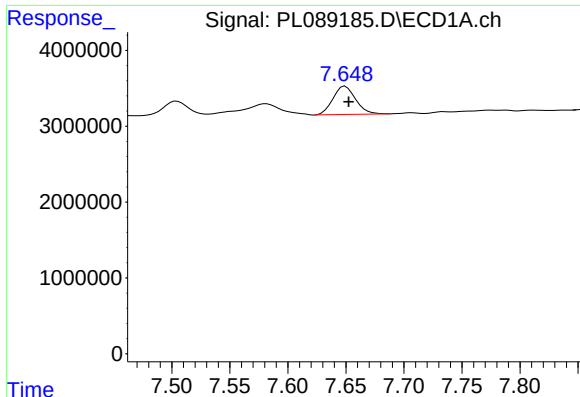
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 2948306
Conc: 3.35 ng/ml m



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: -0.001 min
Response: 1487302
Conc: 1.99 ng/ml



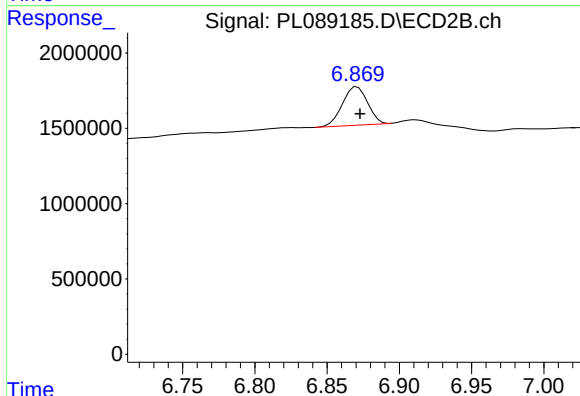
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: -0.003 min
Response: 5065964
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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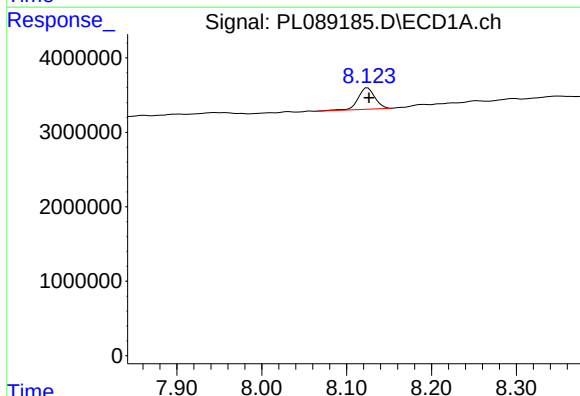
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



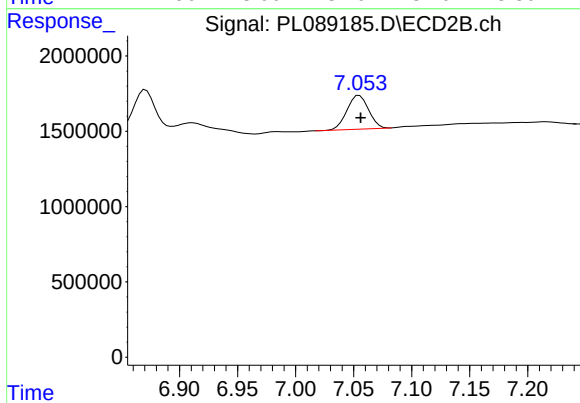
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 3088614
Conc: 1.95 ng/ml



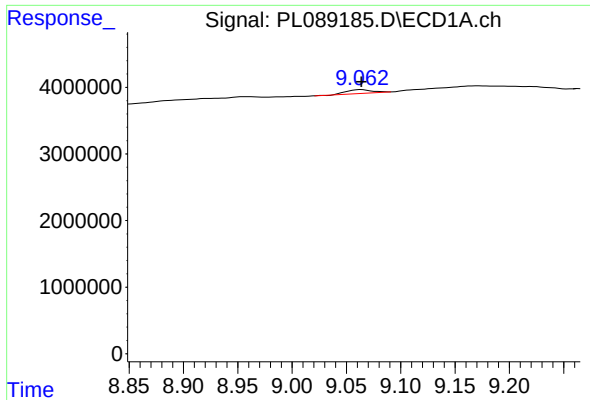
#22 Mirex

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 4008276
Conc: 2.73 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: -0.001 min
Response: 2916683
Conc: 2.21 ng/ml



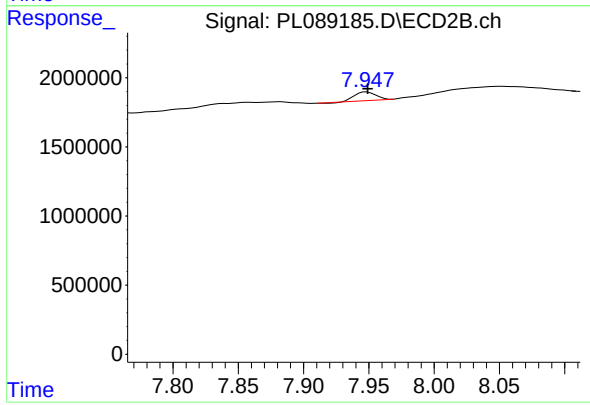
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 935540
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-04-04242024MSD

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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 692728
Conc: 0.52 ng/ml